

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030509.D
 Acq On : 27 Oct 2017 22:42
 Operator : SJ/JU
 Sample : I6138-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 220-3A-B-CONCRETE

Quant Time: Oct 28 02:19:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	74156	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	344289	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	226589	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	526954	20.00	ng	0.00
75) Chrysene-d12	21.80	240	562419	20.00	ng	0.00
86) Perylene-d12	25.11	264	544189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	595705	134.20	ng	0.00
7) Phenol-d6	7.32	99	714769	114.71	ng	0.00
23) Nitrobenzene-d5	9.33	82	533924	98.55	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	336306	114.96	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1331760	86.20	ng	0.00
78) Terphenyl-d14	20.12	244	2030371	82.13	ng	0.00

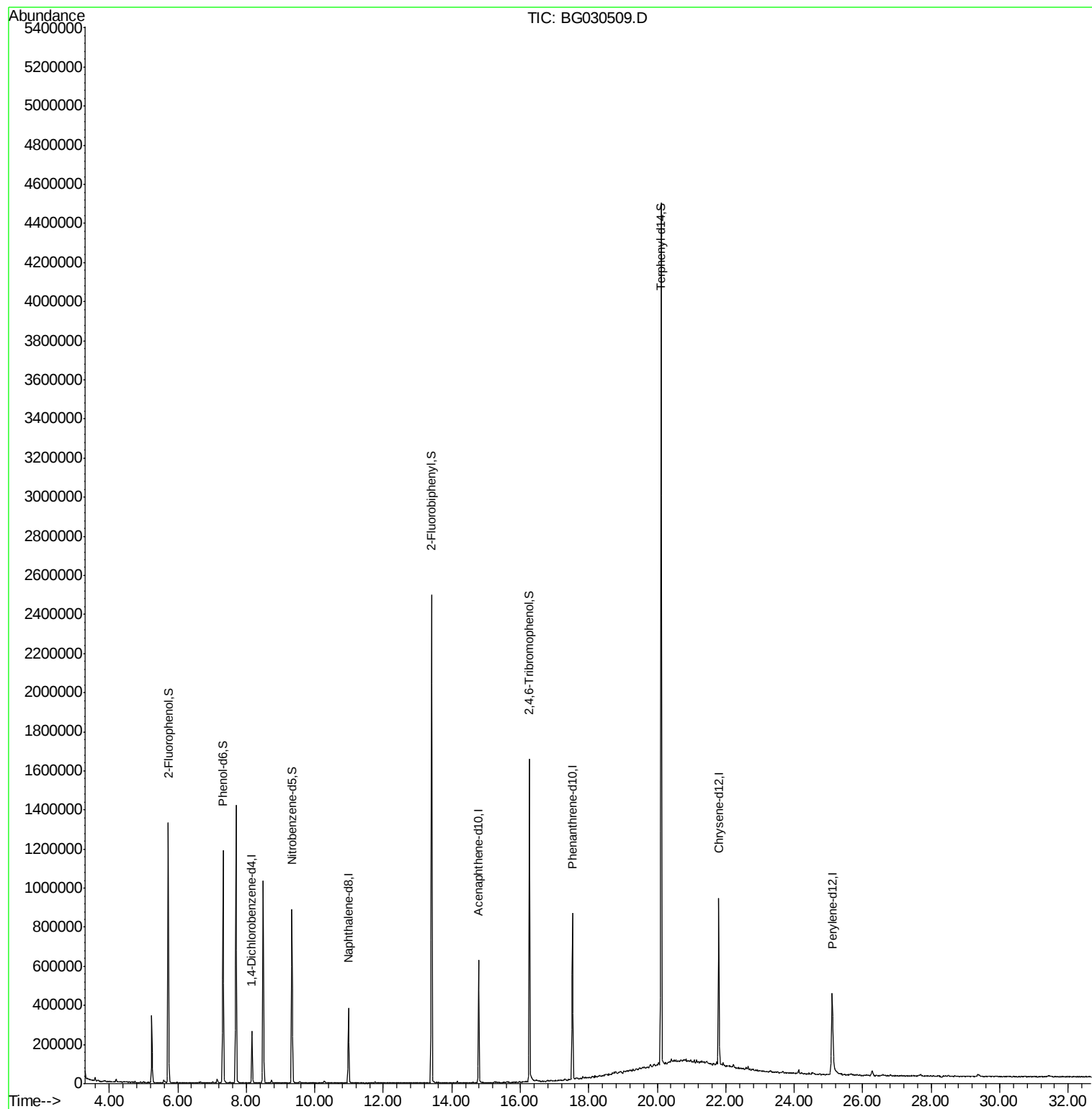
Target Compounds	Qvalue
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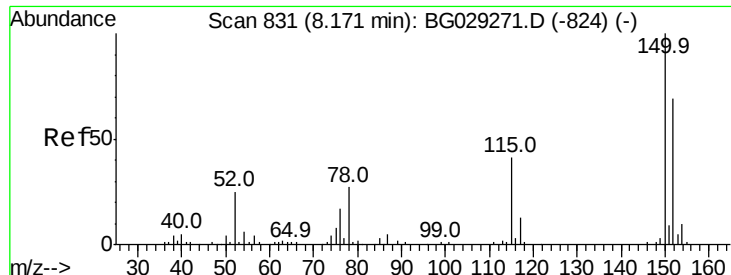
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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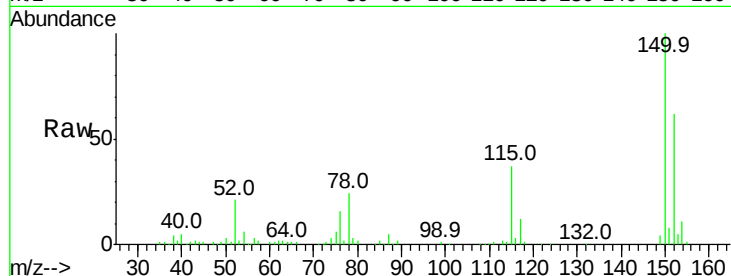


#1

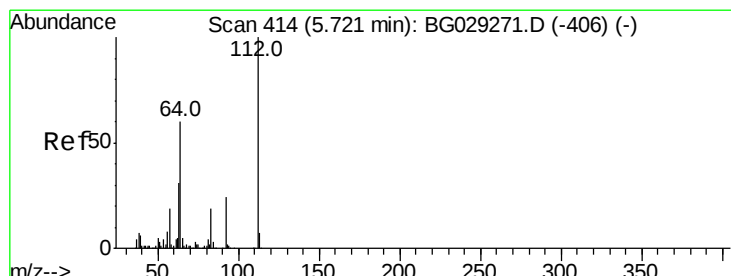
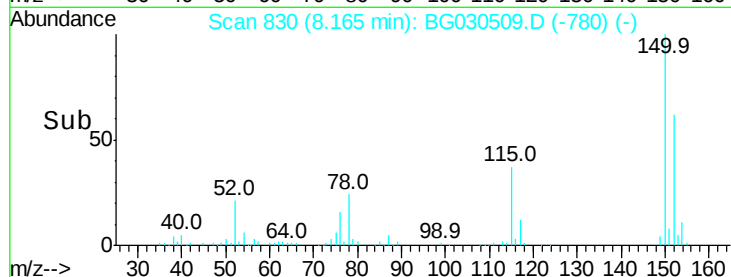
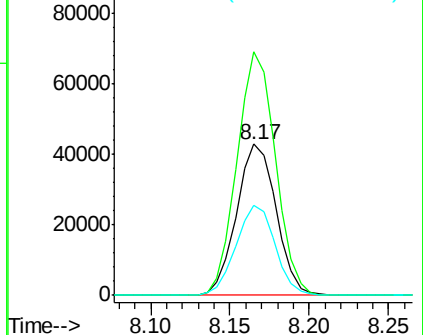
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030509.D
Acq: 27 Oct 2017 22:42

Instrument :
BNA_G
ClientSampleId :
220-3A-B-CONCRETE

Tot Ion:152 Resp: 74156
Ion Ratio Lower Upper
152 100
150 161.1 126.6 189.8
115 59.8 53.0 79.4



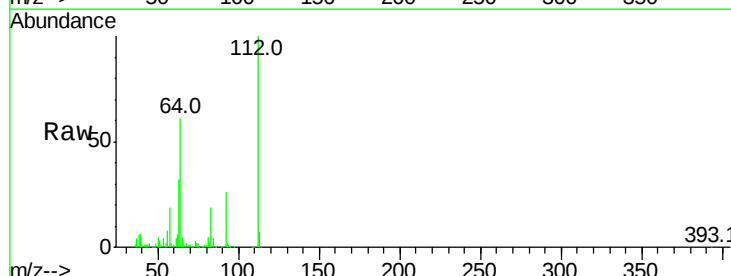
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



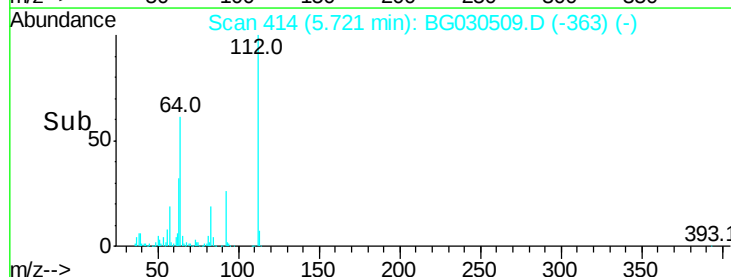
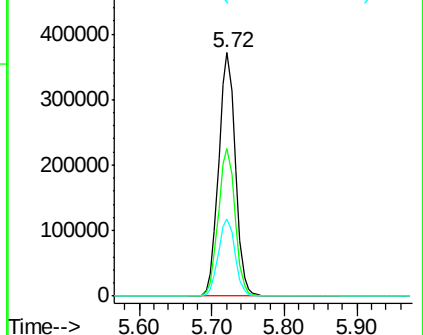
#5

2-Fluorophenol
Concen: 134.198 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030509.D
Acq: 27 Oct 2017 22:42

Tgt Ion:112 Resp: 595705
Ion Ratio Lower Upper
112 100
64 60.7 56.3 84.5
63 31.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 114.715 ng

RT: 7.32 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG030509.D

Acq: 27 Oct 2017 22:42

Instrument :

BNA_G

ClientSampleId :

220-3A-B-CONCRETE

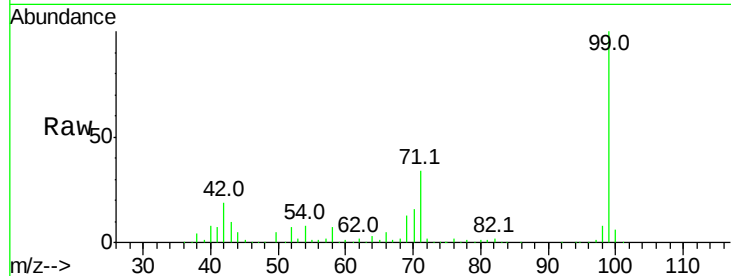
Tot Ion: 99 Resp: 714769

Ion Ratio Lower Upper

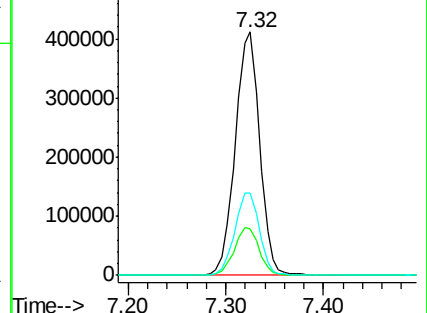
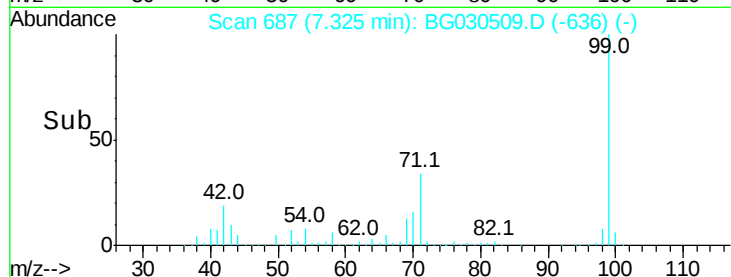
99 100

42 19.3 14.1 21.1

71 33.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030509.D

Acq: 27 Oct 2017 22:42

Tgt Ion:136 Resp: 344289

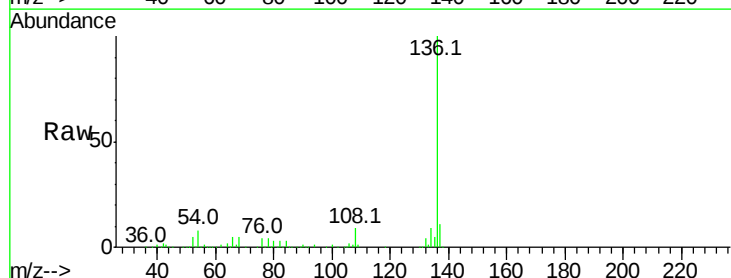
Ion Ratio Lower Upper

136 100

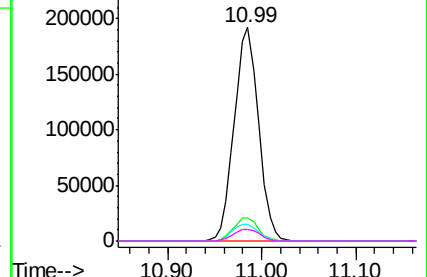
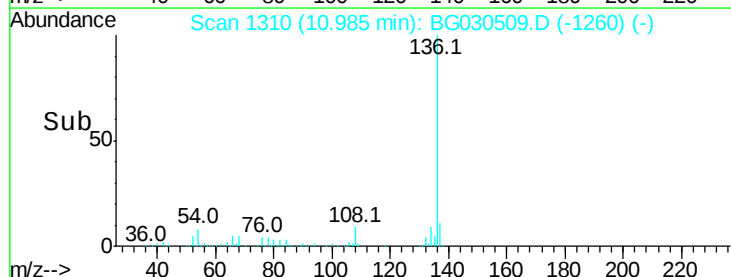
137 10.8 9.2 13.8

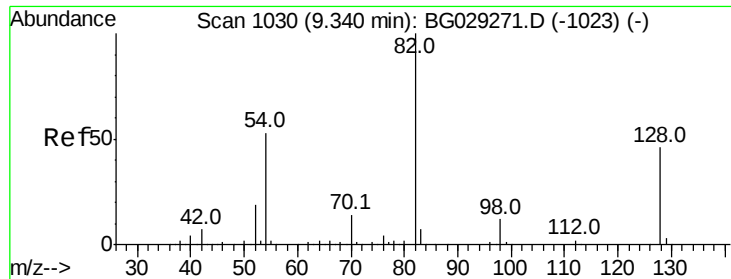
54 7.9 10.3 15.5#

68 5.2 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

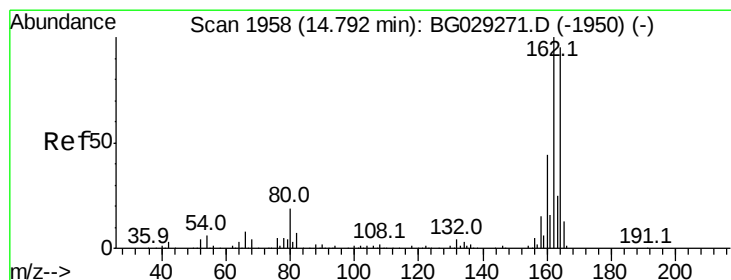
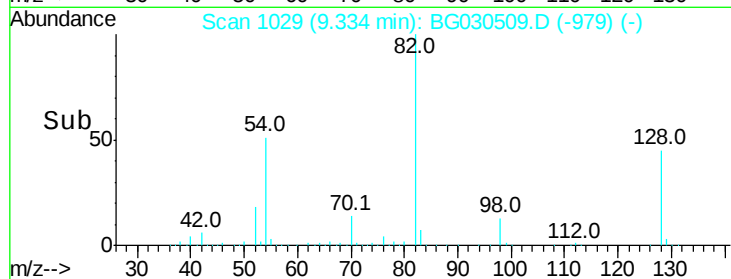
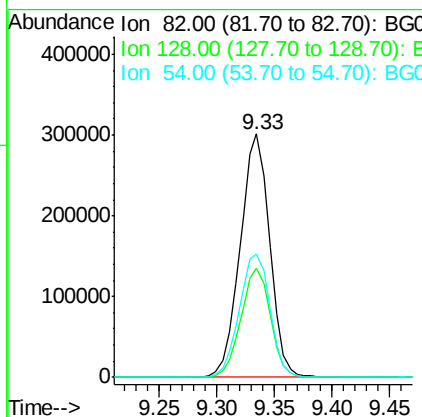
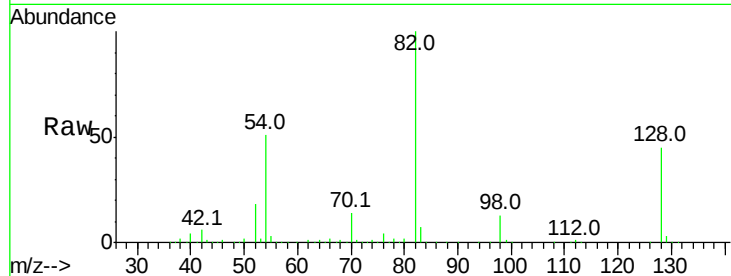




#23
 Nitrobenzene-d5
 Concen: 98.549 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG030509.D
 Acq: 27 Oct 2017 22:42

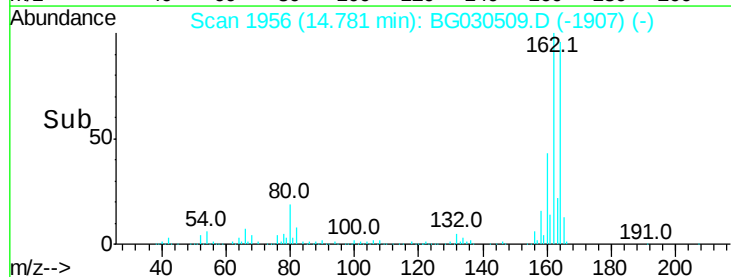
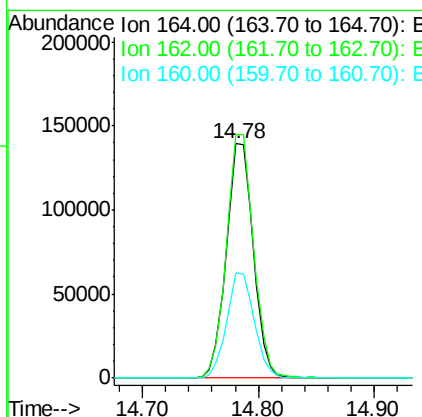
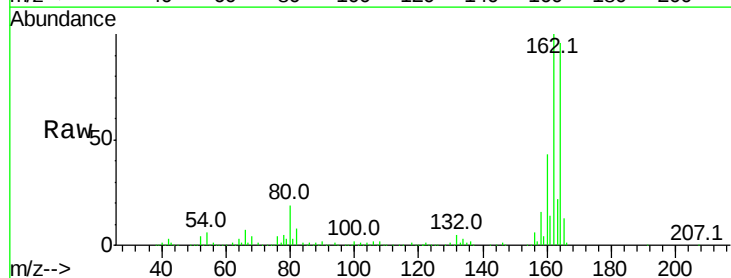
Instrument :
 BNA_G
 ClientSampleId :
 220-3A-B-CONCRETE

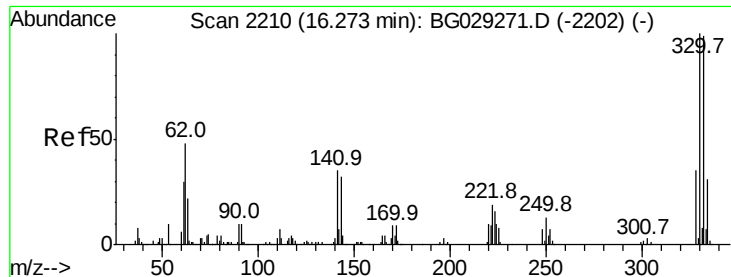
Tot Ion	82	Resp	533924
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
82	100		
128	45.0	29.7	44.5
54	50.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030509.D
 Acq: 27 Oct 2017 22:42

Tgt Ion	164	Resp	226589
Ion Ratio	100		
Lower	78.8		
Upper	118.2		
164	100		
162	103.9	78.8	118.2
160	44.7	35.4	53.0

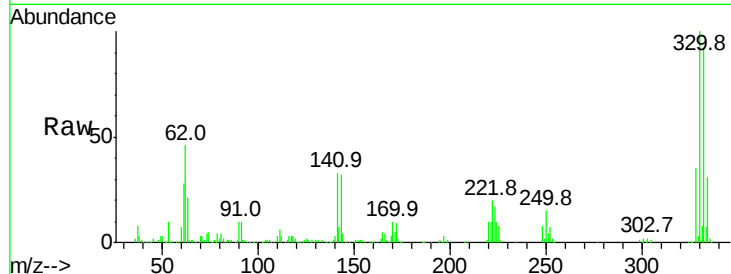




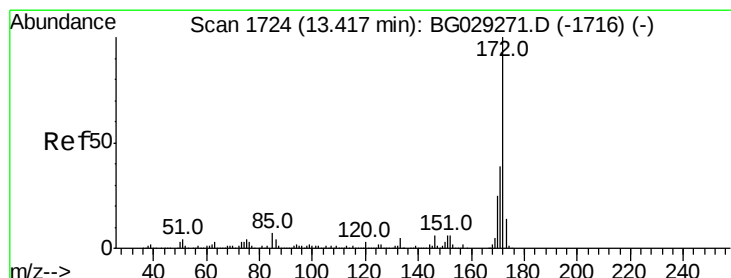
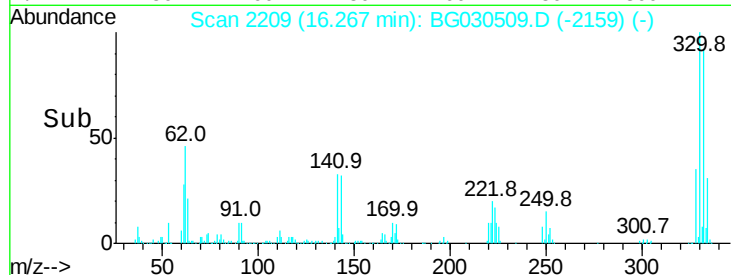
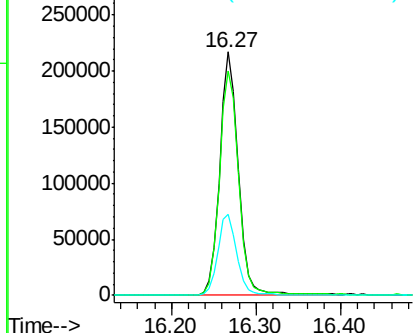
#41
 2,4,6-Tribromophenol
 Concen: 114.957 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030509.D
 Acq: 27 Oct 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 220-3A-B-CONCRETE

Tot Ion:330 Resp: 336306
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 33.9 25.2 37.8

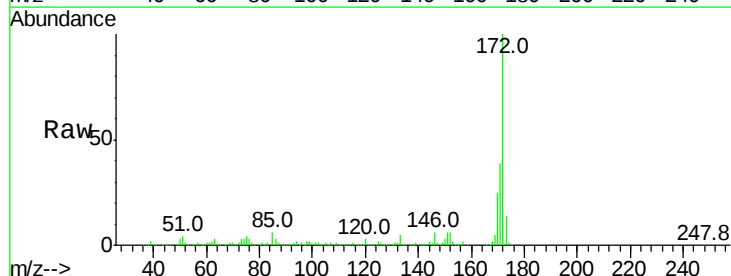


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

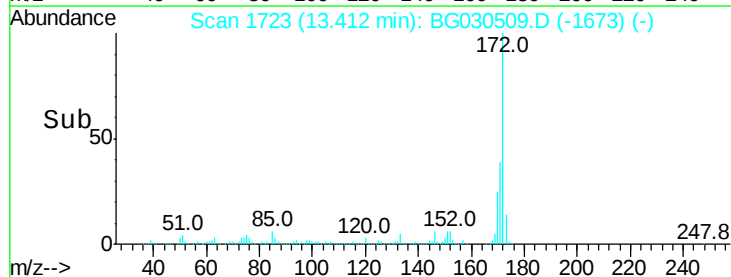
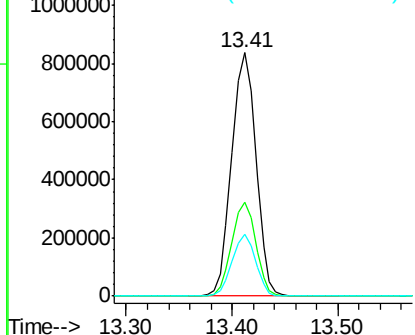


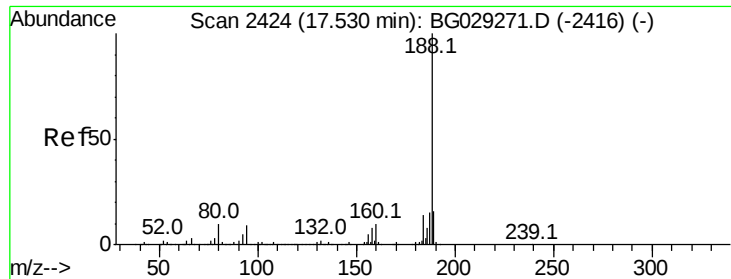
#44
 2-Fluorobiphenyl
 Concen: 86.202 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030509.D
 Acq: 27 Oct 2017 22:42

Tgt Ion:172 Resp: 1331760
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 25.1 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

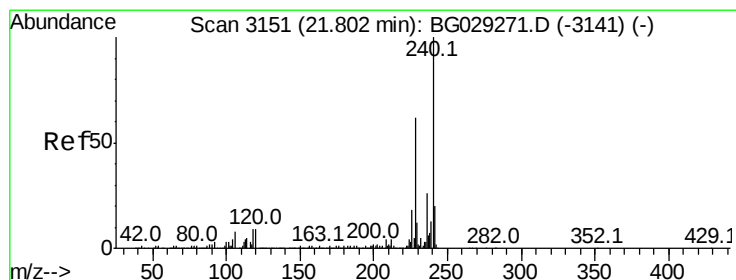
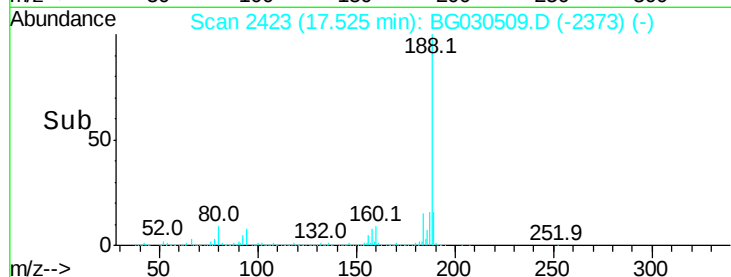
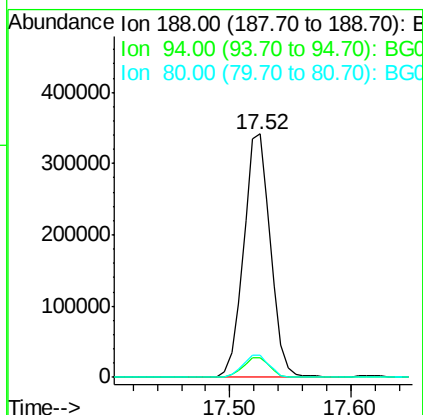
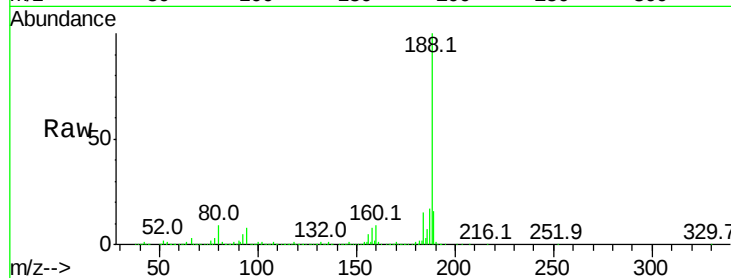




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG030509.D
Acq: 27 Oct 2017 22:42

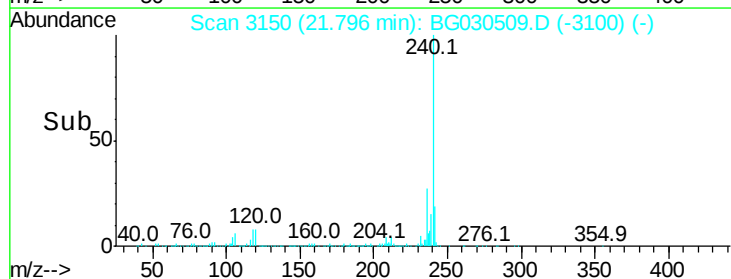
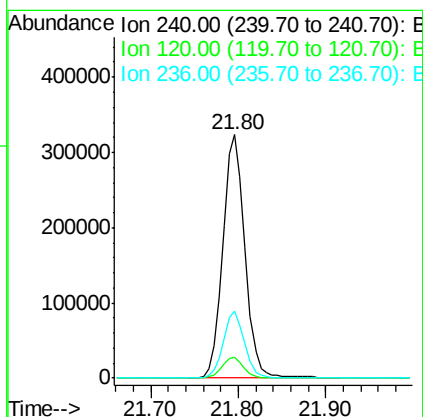
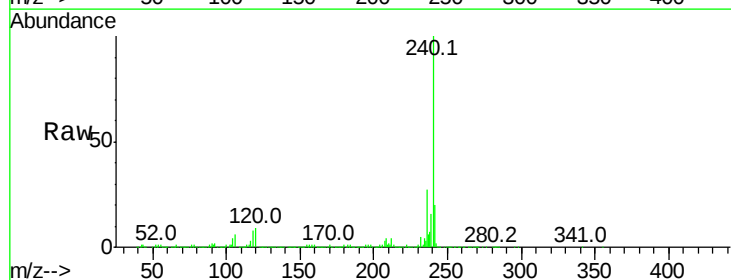
Instrument :
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ClientSampleId :
220-3A-B-CONCRETE

Tot Ion:188 Resp: 526954
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030509.D
Acq: 27 Oct 2017 22:42

Tgt Ion:240 Resp: 562419
Ion Ratio Lower Upper
240 100
120 8.6 6.8 10.2
236 27.3 20.9 31.3

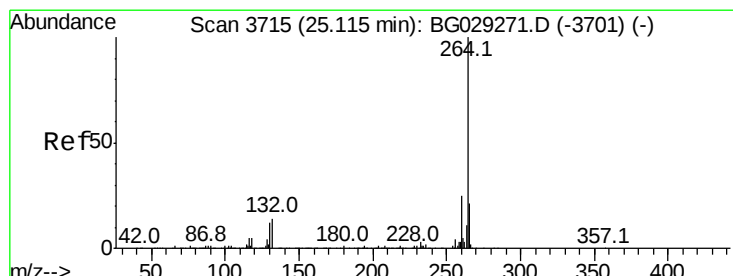
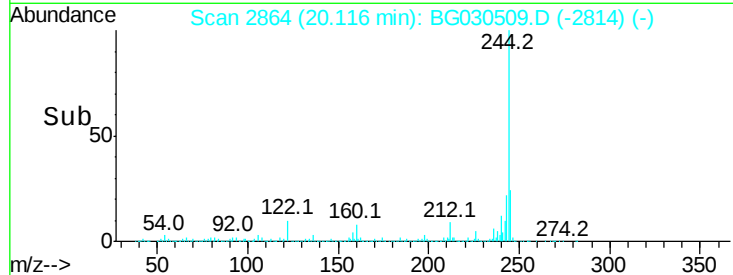
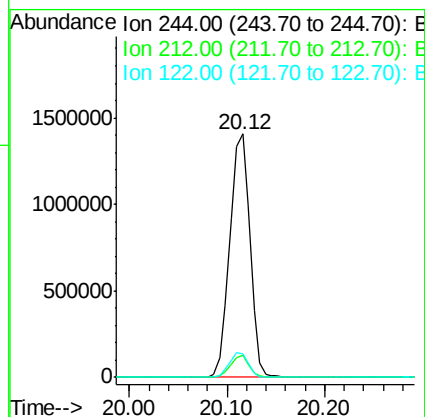
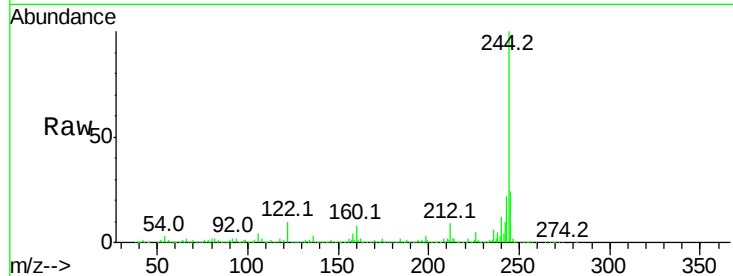




#78
 Terphenyl-d14
 Concen: 82.127 ng
 RT: 20.12 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG030509.D
 Acq: 27 Oct 2017 22:42

Instrument :
 BNA_G
 ClientSampleId :
 220-3A-B-CONCRETE

Tot Ion:244 Resp: 2030371
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 9.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.01 min
 Lab File: BG030509.D
 Acq: 27 Oct 2017 22:42

Tgt Ion:264 Resp: 544189
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 21.7 17.7 26.5

